

I CLAIM:

1. A method of controlling the availability of a cellular radiocommunication service, comprising the steps of:

5       - installing an independent beacon for broadcasting a radio signal in a protected zone, wherein said radio signal carries system information shaped according to a broadcasting channel of a cellular radiocommunication system, said system information including a service restriction indication in respect of terminals situated in the protected zone;

10      - storing the service restriction indication in a terminal picking up said radio signal; and

15      - executing a signaling sequence, prior to producing audible signals, in a call setup procedure between a cellular system and said terminal, said signaling sequence including transmitting the service restriction indication

20      from said terminal to said cellular system.

2. The method as claimed in claim 1, wherein said service restriction indication designates a type of protected zone.

3. The method as claimed in claim 1, wherein said system information further includes data of geographical positioning of the beacon.

4. The method as claimed in claim 1, wherein the call setup procedure comprises analyzing the service restriction indication transmitted by the terminal in conjunction with a type of call being set up, so as to authorize or not continuation of the procedure.

5. The method as claimed in claim 1, wherein the call setup procedure includes analyzing the service restriction indication transmitted by the terminal in conjunction with data for identifying the terminal, so 5 as to authorize or not continuation of the procedure.

6. A radiocommunication terminal, comprising means for detecting broadcasting channels emanating from radio transceivers of at least one cellular radiocommunication system, and means for setting up 10 calls with a cellular system through a transceiver of said system whose broadcasting channel has been detected, wherein the detection means are arranged to further detect a radio signal broadcast by a radio beacon independent of the cellular system, said radio 15 signal carrying system information shaped according to a broadcasting channel of a cellular system, said system information including a service restriction indication in respect of terminals situated in a protected zone, the terminal further comprising means 20 for storing the service restriction indication included in the system information carried by the radio signal upon detection of said radio signal, and wherein the call setup means are arranged to execute a signaling sequence, prior to producing audible signals, in a call 25 setup procedure with the cellular system, said signaling sequence including transmitting any stored service restriction indication to said cellular system.

7. A cellular radiocommunication system, comprising radio transceivers dispersed over a system coverage 30 area, and means for setting up calls with terminals situated within range of said radio transceivers, wherein the call setup means are arranged to execute a call setup procedure with at least one terminal, comprising receiving from the terminal a service 35 restriction indication emanating from a radio beacon

independent of the system and analyzing said indication before validating call triggering.

8. The system as claimed in claim 7, wherein the analysis of the service restriction indication received 5 from the terminal is performed in conjunction with a type of call being set up.

9. The system as claimed in claim 7, wherein the analysis of the service restriction indication received from the terminal is performed in conjunction with data 10 for identifying the terminal.

10. The system as claimed in claim 7, wherein the service restriction indication received from the terminal designates a type of protected zone where the availability of the cellular service is restricted.

15 11. The system as claimed in claim 7, wherein the service restriction indication is received from the terminal with data of geographical positioning of the radio beacon, which are taken into account in the analysis.

20 12. The system as claimed in claim 7, wherein the analysis of the service restriction indication received from the terminal takes into account the call setup time.